

Title (en)
Herbicide intermediate o-nitrophenyl cyclopropyl ketone and a method for the preparation thereof

Title (de)
o-Nitrophenyl Cyclopropyl Keton, herbizides Zwischenprodukt und Verfahren zu seiner Herstellung

Title (fr)
o-Nitrophenyl cyclopropyl cétone, intermédiaire pour herbicides et procédé pour sa préparation

Publication
EP 0577945 B1 19960814 (EN)

Application
EP 93107325 A 19930506

Priority
US 90925892 A 19920706

Abstract (en)
[origin: EP0577945A1] There is provided o-nitrophenyl cyclopropyl ketone, a key intermediate in the manufacture of the crop-selective, herbicidal agent 1-[[o-(cyclopropylcarbonyl)phenyl]sulfamoyl]-3-(4,6-dimethoxy-2-pyrimidinyl)urea and a method for the preparation of said ketone from dihydro-3-acetyl-2(3H)-furanone and o-nitrobenzoyl halide.

IPC 1-7
C07C 205/45; **C07C 201/12**; **C07D 307/33**; **C07C 225/22**

IPC 8 full level
B01J 23/42 (2006.01); **B01J 23/44** (2006.01); **C07B 61/00** (2006.01); **C07C 201/12** (2006.01); **C07C 205/45** (2006.01); **C07C 221/00** (2006.01); **C07C 225/22** (2006.01); **C07D 307/33** (2006.01)

CPC (source: EP KR US)
C07C 205/45 (2013.01 - EP KR US); **C07C 221/00** (2013.01 - EP KR US); **C07C 225/22** (2013.01 - EP KR US); **C07D 307/33** (2013.01 - EP US); **C07C 2601/02** (2017.04 - EP KR US)

Cited by
EP0655436A1; EP0682007A1; AU697345B2; CN1070170C

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
EP 0577945 A1 19940112; **EP 0577945 B1 19960814**; AT E141254 T1 19960815; AU 4175993 A 19940113; AU 665096 B2 19951214; BR 9302740 A 19940216; CA 2099537 A1 19940107; CA 2099537 C 20030923; CN 1040640 C 19981111; CN 1083045 A 19940302; CZ 128893 A3 19940216; CZ 286391 B6 20000315; CZ 286450 B6 20000412; DE 69303996 D1 19960919; DE 69303996 T2 19970227; DK 0577945 T3 19960902; ES 2090764 T3 19961016; GR 3020804 T3 19961130; HK 1001050 A1 19980522; HU 214818 B 19981028; HU 9301949 D0 19930928; HU T66804 A 19941228; IL 106216 A0 19931115; IL 106216 A 19981030; JP 3626763 B2 20050309; JP H0672967 A 19940315; KR 100284119 B1 20010402; KR 940005547 A 19940321; MX 9303956 A 19940131; SG 47553 A1 19980417; SK 280976 B6 20001009; SK 69493 A3 19940608; TW 226362 B 19940711; US 5364968 A 19941115; US 5453545 A 19950926; ZA 934818 B 19940120

DOCDB simple family (application)
EP 93107325 A 19930506; AT 93107325 T 19930506; AU 4175993 A 19930705; BR 9302740 A 19930702; CA 2099537 A 19930702; CN 93106624 A 19930611; CZ 128893 A 19930628; CZ 246299 A 19990712; DE 69303996 T 19930506; DK 93107325 T 19930506; ES 93107325 T 19930506; GR 960400232 T 19960816; HK 98100018 A 19980102; HU 9301949 A 19930705; IL 10621693 A 19930702; JP 18337393 A 19930630; KR 930012545 A 19930705; MX 9303956 A 19930630; SG 1996002814 A 19930506; SK 69493 A 19930630; TW 82103751 A 19930513; US 16138293 A 19931202; US 28773394 A 19940809; ZA 934818 A 19930705